



SEQUENCE LISTING

RECEIVED

OCT 30 2002

TECH CENTER 1600/2900

<110> Coleman, Patrick F.
Chong-Dug Su, Peter
Monji, Nobuo
Cole, Carol-Ann

<120> SYNTHETIC ANTIGEN FOR THE DETECTION OF ANTIBODIES
IMMUNOREACTIVE WITH HIV VIRUS

<130> 2558P-20-1

<140> 09/515,014

<141> 2000-02-29

<150> 08/904,826

<151> 1997-08-01

<160> 11

<170> PatentIn Ver. 2.1

<210> 1

<211> 30

<212> PRT

<213> Human immunodeficiency virus type 1

<400> 1

Lys Ile Gln Asn Phe Arg Val Tyr Tyr Arg Asp Ser Arg Asp Pro Leu
1 5 10 15

Trp Lys Gly Pro Ala Lys Leu Leu Trp Lys Gly Glu Gly Ala
20 25 30

<210> 2

<211> 36

<212> PRT

<213> Human immunodeficiency virus type 1

<400> 2

Leu Gln Lys Gln Ile Thr Lys Ile Gln Asn Phe Arg Val Tyr Tyr Arg
1 5 10 15

Asp Ser Arg Asp Pro Leu Trp Lys Gly Pro Ala Lys Leu Leu Trp Lys
20 25 30

Gly Glu Gly Ala
35

<210> 3

<211> 40

<212> PRT

<213> Human immunodeficiency virus type 1

<400> 3

Lys Ile Gln Asn Phe Arg Val Tyr Tyr Arg Asp Ser Arg Asp Pro Leu
1 5 10 15

Trp Lys Gly Pro Ala Lys Leu Leu Trp Lys Gly Glu Gly Ala Val Val
20 25 30

Ile Gln Asp Asn Ser Asp Ile Lys
35 40

<210> 4
<211> 36
<212> PRT
<213> Human immunodeficiency virus type 1

<400> 4
Lys Ile Gln Asn Phe Arg Val Tyr Tyr Arg Asp Ser Arg Asp Pro Leu
1 5 10 15

Trp Lys Gly Pro Ala Lys Leu Leu Trp Lys Gly Glu Gly Ala Val Val
20 25 30

Ile Gln Asp Asn
35

<210> 5
<211> 30
<212> PRT
<213> Human immunodeficiency virus type 2

<400> 5
Lys Leu Lys Asp Phe Arg Val Tyr Phe Arg Glu Gly Arg Asp Gln Leu
1 5 10 15

Trp Lys Gly Pro Gly Glu Leu Leu Trp Lys Gly Glu Gly Ala
20 25 30

<210> 6
<211> 36
<212> PRT
<213> Human immunodeficiency virus type 2

<400> 6
Leu Gln Ala Lys Asn Ser Lys Leu Lys Asp Phe Arg Val Tyr Phe Arg
1 5 10 15

Glu Gly Arg Asp Gln Leu Trp Lys Gly Pro Gly Glu Leu Leu Trp Lys
20 25 30

Gly Glu Gly Ala
35

<210> 7
<211> 40

<212> PRT
<213> Human immunodeficiency virus type 2

<400> 7

Lys	Leu	Lys	Asp	Phe	Arg	Val	Tyr	Phe	Arg	Glu	Gly	Arg	Asp	Gln	Leu
1				5					10					15	
Trp	Lys	Gly	Pro	Gly	Glu	Leu	Leu	Trp	Lys	Gly	Glu	Gly	Ala	Val	Leu
			20					25					30		
Val	Lys	Val	Gly	Thr	Asp	Ile	Lys								
		35					40								

<210> 8
<211> 33
<212> PRT
<213> Human immunodeficiency virus type 2

<400> 8

Tyr	Phe	Arg	Glu	Gly	Arg	Asp	Gln	Leu	Trp	Lys	Gly	Pro	Gly	Glu	Leu
1				5					10					15	
Leu	Trp	Lys	Gly	Glu	Gly	Ala	Val	Leu	Val	Lys	Val	Gly	Thr	Asp	Ile
			20					25					30		
Lys															

<210> 9
<211> 40
<212> PRT
<213> Human immunodeficiency virus type 2

<400> 9

Lys	Leu	Lys	Asp	Phe	Arg	Val	Tyr	Phe	Arg	Glu	Gly	Arg	Asp	Gln	Leu
1				5					10					15	
Trp	Lys	Gly	Pro	Gly	Glu	Leu	Leu	Trp	Lys	Gly	Glu	Gly	Ala	Val	Leu
			20					25					30		
Val	Lys	Val	Gly	Thr	Asp	Ile	Lys								
		35					40								

<210> 10
<211> 33
<212> PRT
<213> Human immunodeficiency virus type 2

<400> 10

Lys	Gly	Pro	Gly	Glu	Leu	Leu	Trp	Lys	Gly	Glu	Gly	Ala	Val	Leu	Val
1				5					10					15	
Lys	Val	Gly	Thr	Asp	Ile	Lys	Ile	Ile	Pro	Arg	Arg	Lys	Ala	Lys	Ile
			20					25					30		

Ile

<210> 11

<211> 36

<212> PRT

<213> Human immunodeficiency virus type 2

<400> 11

Lys	Leu	Lys	Asp	Phe	Arg	Val	Tyr	Phe	Arg	Glu	Gly	Arg	Asp	Gln	Leu
1				5				10						15	

Trp	Lys	Gly	Pro	Gly	Glu	Leu	Leu	Trp	Lys	Gly	Glu	Gly	Ala	Val	Leu
			20					25					30		

Val	Lys	Val	Gly
			35